



**ARIZONA DEPARTMENT of WATER RESOURCES**  
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## **Arizona Water Initiative Northwest Basins Planning Area Morning Meeting Summary**

**Date:** February 28, 2017  
**Time:** 11:00 am to 12:30 pm  
**Location:** Building 200, Multipurpose Room (240)  
Mohave Community College Neal Campus  
1971 Jagerson Ave.  
Kingman, Arizona 86409

### **1. Welcome and Introductions**

- a. Arizona Department of Water Resources (ADWR) Northwest Basins Planning Area Coordinator John Riggins opened the meeting by welcoming stakeholders and reviewing the agenda.
- b. Deputy Assistant Director and Manager of the Arizona Water Initiative Ms. Gerry Walker provided a brief overview of the Planning Area Process and explained the following:
  - o Why ADWR is holding meetings for the Northwest Basins Planning Area
  - o What ADWR already knows regarding stakeholder input
  - o What ADWR can and cannot do per Arizona Revised Statutes
- c. Mr. Riggins provided an update for both tracks of the Arizona Water Initiative to include committees formed by the Governor's Water Augmentation Council.
- d. Mr. Andrew Brischke from the University of Arizona Cooperative Extension made an announcement for an upcoming Domestic Well Owner's Workshop that will be held in the Kingman area at a date yet to be determined.
- e. Mr. Riggins made an announcement for the Arizona Corporation Commission Small Water Ombudsman Office and explained a summary on assistance programs for small water systems in Arizona (Class D & E Water Systems).

### **2. Presentation: Municipal Water Demand**

- a. Mr. Riggins presented an overview of the updated municipal water demand estimates and projections for the Northwest Basins Planning Area.
  - o The water demand estimates and projections were refined based on stakeholder feedback during the September and December Planning Area meetings.
  - o Methodologies suggested by stakeholders included baseline Gallons Per Capita Per Day (GPCD) values and suggested municipal water demand sources for reference.
  - o These suggestions included:
    - Using Community Water System, Arizona Corporation Commission, and U.S. Geological Survey GPCD estimated averages for 2014
    - Using only the U.S. Geological Survey water demand estimates

- Using the City of Kingman as a reference when choosing a municipal water demand and GPCD
  - Using the highest value GPCD to project future demand
- b. The method utilized for the Municipal Water Demand update was the suggestion of using Community Water System, Arizona Corporation Commission, and U.S. Geological Survey GPCD estimated averages for 2014
- c. Projections of future Municipal Water Demand were estimated by holding the GPCD from the suggested method constant into the future.
- d. A stakeholder asked about the accuracy of the City of Kingman municipal water demand data to which Mr. Riggins answered that the City of Kingman provided very detailed water utility information with a monthly breakdown of water supplied to residential, non-residential and irrigation water users.

### 3. Presentation: Industrial Water Demand

- a. Mr. Riggins provided the presentation on updated industrial water demand estimates for the Northwest Basins Planning Area. Mr. Riggins provided examples of existing industrial water demand data for the Planning Area and went through each industrial water use category to explain the current estimated industrial water demand for the Northwest Basins Planning Area.
- b. A stakeholder suggested looking at the peak water demand reported by the Mineral Park Mine in the Sacramento Basin for projecting water demand. Mr. Riggins explained that the water demands for Mineral Park Mine were reported in the Valley Pioneer Community Water System and ranged from 2006 to present.
- c. A stakeholder suggested considering a new copper mine located south of Interstate 40. This mine was later identified as being in the Big Sandy Groundwater Basin and not within the boundaries of the Planning Area.
- d. A stakeholder asked if the power production water demand for Black Mountain Solar Power Generating Station was included to which Mr. Riggins explained that the water demand was included and accounts for less than .05 acre-feet per year.
- e. A stakeholder suggested finding a possible water demand for additional portions of the Black Mountain Solar Generations Plant to include a peaking power station nearby. Mr. Riggins explained that he would research this area and include any findings in future industrial demand data updates.
- f. Multiple stakeholders suggested that the grazing and feedlot water demand estimate for 2016 (2.54 acre-feet per year) seemed low and questioned how many cattle were estimated to be in the Northwest Basins Planning Area. Mr. Andrew Brischke of the University of Arizona Cooperative Extension addressed the questions and explained that there was data to support the 2.54 acre-feet per year estimated water demand.
- g. A stakeholder asked how much water the golf course in Kingman (not specifically named) used annually. An employee with the City of Kingman was present and responded that he could provide those figures.
  - To note: The City of Kingman has provided ADWR with the water demand for the Cerbat Cliffs Golf Course and the City of Kingman Parks. These numbers will be included in the turf water demand-industrial water use for the Planning Area.
- h. A stakeholder commented that the water usage for the Arizona State Prison-Kingman Complex seemed low (.31 acre-feet for 2015). Mr. Riggins explained that this water demand was the last reported value from the Prison water system. A stakeholder suggested looking at water demands from the I-40 Industrial Water System which would provide a more accurate water demand for the Prison.

- To note: The I-40 Industrial Water System (91-000355.0000) has a higher reported water demand for the Arizona State Prison-Kingman complex and will be included in the demand update.
- i. A stakeholder asked if the Truck Stop/Travel Center water demand estimates included truck washing centers. Mr. Riggins explained that truck washing may be included in the total demand for these Travel Centers but the specific quantity was unknown.
- j. Mr. Riggins concluded the industrial demand presentation by asking if there were any suggestions for projecting future industrial demands in the near or distant future. Mr. Riggins asked that if anyone had updates or suggestions for demand projections to contact him via phone or email.

#### **4. Presentation: Agricultural Water Demand**

- a. Mr. Riggins provided a presentation on updated agricultural water demand estimates for the Northwest Basins Planning Area.
- b. A stakeholder commented that the natural recharge of the Hualapai Groundwater Basin was negligible and asked if ADWR knew the exact amount. Another stakeholder stated that the ADWR webpage showed a natural recharge in the Hualapai Groundwater Basin of 4,000 acre-feet per year.
- c. A stakeholder asked about the location of the basin divide between the Detrital Groundwater Basin and the Sacramento Groundwater Basin.

#### **5. Closing Remarks**

- a. Mr. Riggins thanked the group for their participation and their feedback. Stakeholder contributions will be organized and individuals will be notified by email when the next meeting has been scheduled.
- b. Mr. Riggins stated that if anyone has any additional information, suggestions, or questions that they can be directed to John Riggins at [jrriggins@azwater.gov](mailto:jrriggins@azwater.gov) or (602)771-4782.

**\*Meeting Attendance: 36**